Flight ID 180903H1 Storm Cordon Dropsonde Scientist Christopherson Hurchy The lead project scientist (LPS) on the P3 is responsible for determining the distribution patterns for dropwindsonde releases. Predetermined desired data collection patterns are illustrated on the flight patterns. However, these patterns often are required to be altered because of clearance problems, etc. Operational procedures are contained in the operator's manual. On the G-IV the sole HRD person is designated the LPS The following list contains more general supplementary procedures to be followed. (Check off or initial.) Preflight Determine the status of the AVAPS and HAPS or workstation. Report results to the LPS. Confirm the mission and pattern selection with the LPS and assure that enough dropsondes are on board the aircraft. Modify the flight pattern or drop locations if requested by AOC to accommodate changes in storm location or closeness to land. Complete the appropriate preflight set-up and checklists. In-Flight Operate the system as specified in the operator's manual. Ensure the AOC flight director is aware of upcoming drops. Ensure the AVAPS operator has determined that the dropsonde is (or is not) transmitting a good signal. Recommend if a backup dropsonde should be launched in case of failure. Report the transmission of each drop and fill in the Dropwindsonde Scientist Log. Post flight Complete Dropwindsonde Scientist Log. Brief the LPS on equipment status and turn in completed forms, dropwindsonde data tapes, DVDs, or CDs. [Note: all data removed from the aircraft by HRD personnel should be cleared with the AOC flight director.] Debrief at the base of operations. Determine the status of future missions and notify MGOC as to where you can be

**Dropsonde Scientist** 

Mission ended early

contacted.

## N42/3RF HRD GPS Dropwindsonde Scientist Log (Revised 5/2002)

Storm_	Grordon		Pag	ge of										
Flight ID 180963H1 Flight Director Ian Sears										akeoff from _	LAL			
Mission ID 0707 A Gord AVAPS Operators Nick Underwood Recovery at AC at 1000 UTC														
Drop #	Sonde ID #	Time (UTC)	Lat (°N)	Lon (°W)	Surface Pressure (mb)	Wind clos to surface dir/spd (kt)		BT. SST (°C)	Eye, Eyewall, Rainband (direction)	Comments			Ob #	
1		2069	2738	8359	1016	252/19	9-11-11-11-11-11-11-11-11-11-11-11-11-11	47 1 1			Committee Commit		ol	
2		2105	26'18'	84°60	1014	70/20							07	
3		2116	2558	8410	1012	45/17			$(x) = x + f(x^{\alpha})$				63	
4		212	2529°	8400	1012	55/11					- The		04	٠,-
ない		2129	2503	814	1013					118 J	on of DE	Fletting	15	+
6		2135	2530	181.23	01'01	100[11							<b>60+0</b> 6	- ا
7	garden er skriver en bestelle er. Statistisk bligger en skriver er	2 42	2776	8 75	1013	160/12	Gradust Georgia		e de la companya de La companya de la companya de l	Andrew Comments	Property of March		07	
8		2155	3.07	81.79	1913	_				Flagged	Surface	wind	80	
q		2006	25'47'	85,19,	1013	160/19	Control of the Contro	21/20/2002 12/14/06/2002	following of the	The property of the second	en engelige en		04	
10		2714	1631	820591	1005	174/8		4478 (2346744)	certer			1977	10	
1/3		131	17'18		1013	28/29	7	and distriction			and the second s		11	
15		1140	2796	23,18	1014	68/125	1.0000000000000000000000000000000000000		100000000000000000000000000000000000000	20 out 10113 depuis	urosahko suomanos (ur. 1911)		12	
				1,040		ip, et georgi	10 (A) (A)		and Albert Comme		egyk (16 a 17 a 19		100 mg	
	Control News (1990) (College legacion and analysis of the support	SARPH DITION OF THE SARPH DITIONS					Transaction of the same			The state of the s	man a stranger of the supplemental and the suppleme	Service of the Control of the Contro		
				1917	raine (namente) Albanetia		1 Feb.		A Life of the Control			Principal section of the section of		
							5 mark (2000)	- Interior angel agains so		NAC Protect for the Control of Control		41 - 444 - 140 - 110 - 2 (14) <u>100 - 100 -</u>	45, 4540000 January	
60.212.100				2 44 5 4		ST CONTRACTOR	101	and Park Lin	processor on the	and the second second	and the second s			

Tissue at